

PATENT

Atty. Dkt. No. ATT/2001-0203

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1. -9. (Cancelled)

10. ~~The method of claim 9~~ A method of provisioning a packet network for handling incoming traffic demands, said packet network comprising record collectors that generate ingress and egress files which are used to determine traffic patterns for routing flows from a source to a destination in the packet network, the method comprising the steps of:

receiving configuration files from a capacity planning server, said configuration files comprising parameters in which flow records are to be analyzed during a measurement interval;

receiving flow records from access routers;

processing the flow records based on the parameters provided in the configuration files;

generating ingress and egress files for each flow record received during the measurement interval;

periodically notifying the capacity planning server when ingress and egress files for the measurement interval are available for upload;

uploading the ingress and egress files to the capacity planning server;

determining whether the packet network has adequate capacity based on the traffic patterns established from the uploaded ingress and egress files;

if the capacity is not adequate, rerouting future flows through the packet network in order to establish adequate capacity;

wherein the configuration files identify external interfaces for each access router;
and

wherein the configuration files identify a virtual private network (VPN) that is associated with each external interface.

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Claims 11. - 28. (Canceled)